

- w_E Eutectic concentration
- T_E Eutectic temperature
- T_A Initial temperature of solution
- w_A Initial concentration of solution
- T_I Freezing point of pure solvent
- T_A' Freezing point of solvent
- w_B Final concentration of solution
- T_B Final temperature of solution

FIG. 1

PHASE TRANSITION PROPERTIES OF WATER⁴⁴

Melting point at 1 atm	0.000°C
Boiling point at 1 atm	100.000°C
Critical temperature	374.15°C
Critical pressure	218.6 atm
Triple point	0.0099°C and 4.579 mmHg
Heat of fusion at 0°C	79.71 cal/g; 1.416 kcal/mol
Heat of vaporization at 100°C	538.7 cal/g; 9.705 kcal/mol
Heat of sublimation at 0°C	12.16 kcal/mol

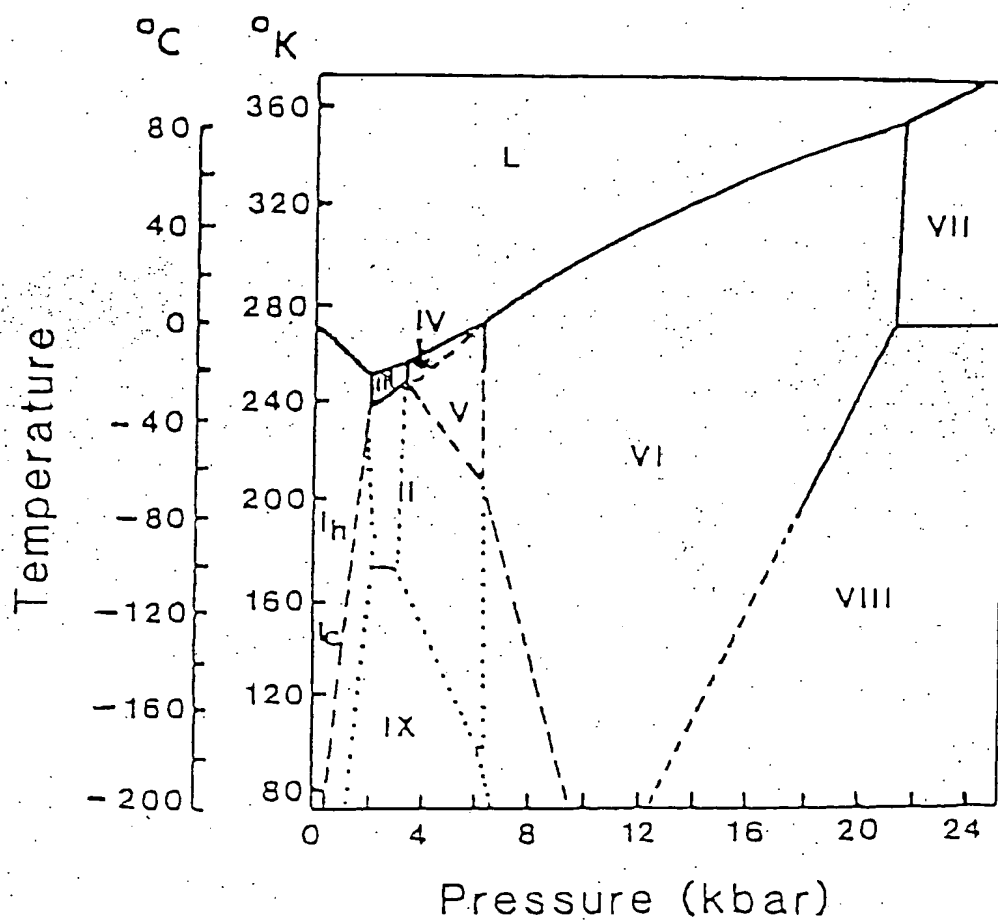


FIG. 2

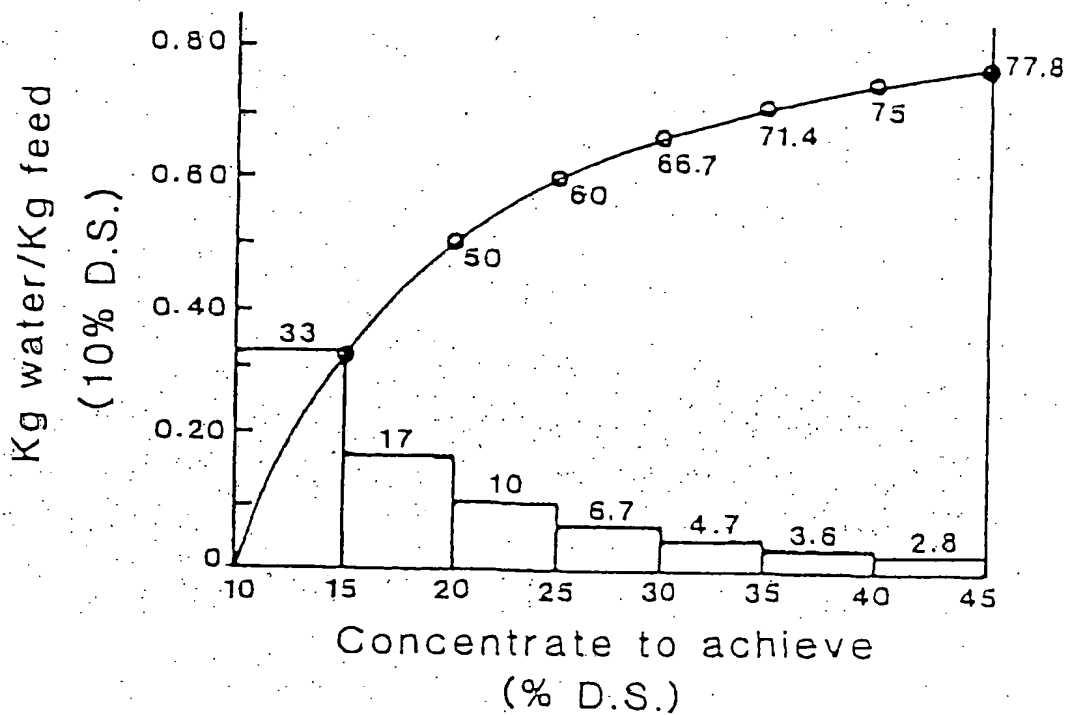


FIG. 3